

10/31/01

12-06-01

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1132 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only for new nonprovisional applications under
37 CFR 1.53(b))

Attorney Docket No.

MTG009

First Inventor

Tadaharu Watanabe, et al.

Title

MATERIALS AND METHODS
FOR THE PURIFICATION OF
HYDRIDE GASES

Express Mail Label No.

EL791520271US

APPLICATION ELEMENTSAssistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form
(submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [total pages: 23]
(preferred Arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a
computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☐ Drawing(s) [total sheets:]
5. ☒ Oath or Declaration [total sheets: 3]
a. ☐ Newly executed (original or copy)
b. ☐ Copy from prior appl. (37 C.F.R. § 1.63(d))
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. (See 37 CFR 1.76)
7. ☐ CD-ROM or CD-R in duplicate, large table
or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form
b. ☐ Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (coversheet/document(s))
10. ☐ 37 CFR. 3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document
12. ☐ IDS & Form 1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
15. ☐ Certified Copy of Priority Document(s)
16. ☐ Request & Certification under 35 USC
122(b)(2)(B)(i)
17. ☒ Other: Certificate of Express Mail

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: / Prior
application information: Examiner: Group/Art Unit:

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below

| | | | | | |
|-------------------|------------------------------|-----------|----------------|------------------|----------------|
| Name | Steven C. Petersen | | | | |
| | Hogan & Hartson, LLP | | | | |
| Address | 1200 17 th Street | | | | |
| | Suite 1500 | | | | |
| City | Denver | State | CO | ZIP | 80202 |
| Country | US | Telephone | (720) 406-5315 | Fax | (720) 406-5301 |
| Name (Print/Type) | Sarah S. O'Rourke | | | Registration No. | 41,226 |
| (Signature) | <i>Sarah O'Rourke</i> | | | Date | 10-31-01 |

FEE TRANSMITTAL for FY 2002

Complete if Known

| | |
|----------------------|---------------------------|
| Application Number | |
| Filing Date | |
| First Named Inventor | Tadaharu Watanabe, et al. |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | MTG009 |

TOTAL AMOUNT OF PAYMENT (\$) **(\$)**1988.00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 50-1123

Deposit Account Name: Hogan & Hartson L.L.P.

☒ Charge Any Additional Fee Required Under 37 CFR § 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|------------------------|----------|
| 740 | 370 | Utility Filing Fee | 740 |
| 320 | 160 | Design filing fee | |
| 490 | 245 | Plant filing fee | |
| 710 | 355 | Reissue filing fee | |
| 160 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$)740.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 66 | -20**= 46 | X 18 | = 828 |
| Independent Claims | -3**= 5 | X 84 | = 420 |
| Multiple Dependent | | | |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|---|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 84 | 202 42 | Independent claims in excess of 3 |
| 104 270 | 204 135 | Multiple dependent claim, if not paid |
| 109 80 | 209 40 | **Reissue independent claims over original patent |
| 110 18 | 210 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)1248.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|--|----------|
| 130 | 65 | Surcharge - late filing fee or oath | |
| 50 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 130 | 130 | Non-English specification | |
| 2,520 | 2,520 | For filing a request for ex parte reexamination | |
| 920* | 920* | Requesting publication of SIR prior to Examiner action | |
| 1,840* | 1,840* | Requesting publication of SIR after Examiner action | |
| 110 | 55 | Extension for reply within first month | |
| 390 | 195 | Extension for reply within second month | |
| 890 | 445 | Extension for reply within third month | |
| 1,390 | 695 | Extension for reply within fourth month | |
| 1,890 | 945 | Extension for reply within fifth month | |
| 310 | 155 | Notice of Appeal | |
| 310 | 155 | Filing a brief in support of an appeal | |
| 270 | 135 | Request for oral hearing | |
| 1,510 | 1,510 | Petition to institute a public use proceeding | |
| 110 | 55 | Petition to revive - unavoidable | |
| 1,240 | 620 | Petition to revive - unintentional | |
| 1,240 | 620 | Utility issue fee (or reissue) | |
| 440 | 220 | Design issue fee | |
| 600 | 300 | Plant issue fee | |
| 130 | 130 | Petitions to the Commissioner | |
| 50 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 180 | 180 | Submission of Information Disclosure Stmt | |
| 40 | 40 | Recording each patent assignment per property (times number of properties) | |
| 710 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 710 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 710 | 355 | Request for Continued Examination | |
| 900 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY Complete (if applicable)

| | | | |
|--|---|---------------------------------|--|
| Name (Print/Type) Sarah S. O'Rourke | Registration No. (Attorney/Agent) 41,226 | Telephone (720) 406-5385 | |
| Signature | | Date 10-31-01 | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Tadaharu Watanabe and Dan Fraenkel

Serial No.: Not Yet Accorded

Filed: Not Yet Accorded

For: MATERIALS AND METHODS FOR
THE PURIFICATION OF HYDRIDE GASES

Group Art Unit: Not Yet
Accorded

Examiner: Not Yet
Accorded

CERTIFICATE OF MAILING BY EXPRESS MAIL

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the following documents:

1. Patent Application (23 pages);
2. Utility Patent Application Transmittal;
3. Fee Transmittal (in duplicate);
4. Declarations (unexecuted);
5. Check in the amount of \$1970.00; and
6. Return postcard

relating to the above application, were deposited as "Express Mail", Mailing Label
No. EL791520271US, with the United States Postal Service, addressed to Box PATENT
APPLICATION, The Assistant Commissioner for Patents, Washington, D.C., 20231.

October 31, 2001
Date

Sarah O'Rourke
Mailer

October 31, 2001
Date

Sarah O'Rourke
Sarah O'Rourke, Reg. No. 41,226
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